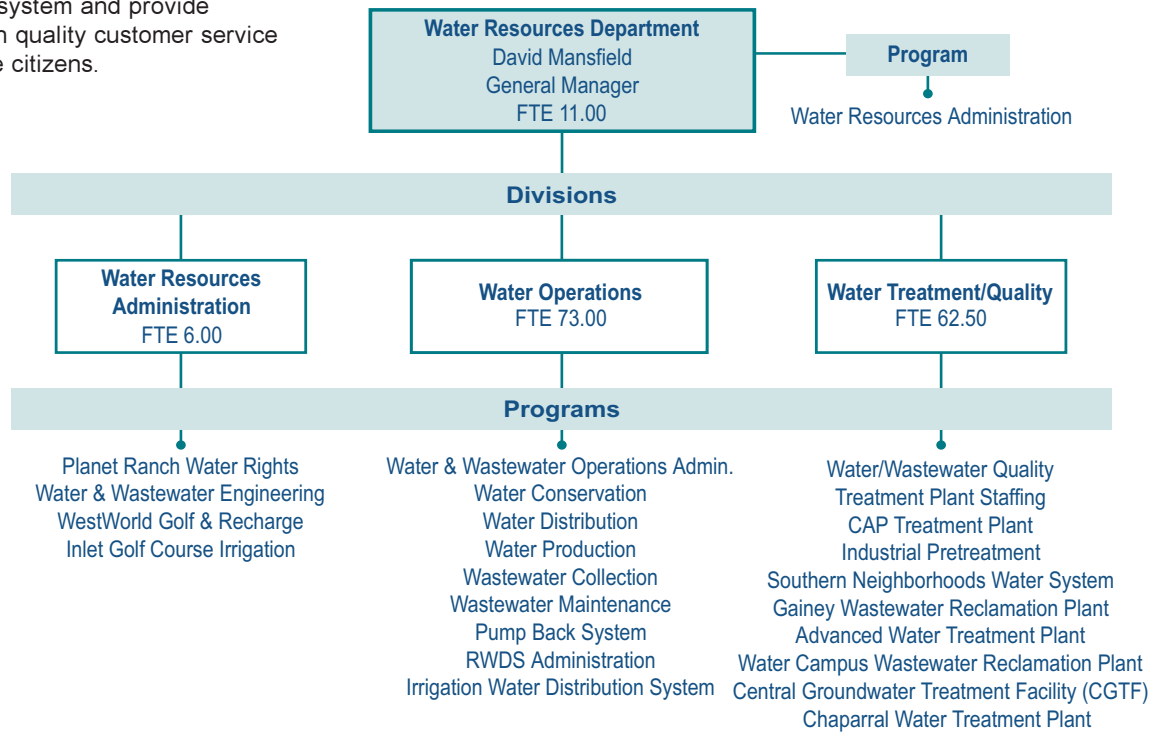


Water Resources Department

Mission

Plan, manage and operate a safe, reliable water supply and wastewater reclamation system and provide efficient, high quality customer service to Scottsdale citizens.



Staff Summary

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Full-time Equivalent (FTE)	136.00	139.00	139.00	152.50
% of City's FTE				5.9%

Expenditures By Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Personal Services	\$9,126,836	\$9,968,152	\$9,968,152	\$11,416,336
Contractual Services	18,171,404	19,195,620	19,392,749	21,665,251
Commodities	12,402,468	13,537,672	13,563,153	13,155,419
Capital Outlays	60,803	132,500	33,060	117,000
Total Program Budget	\$39,761,511	\$42,833,944	\$42,957,114	\$46,354,006
% of City's Total Program Operating Budget				14.2%
Grant/Trust Expenditures	\$1,069	\$815,000	\$815,000	-

Program Description

The Water Resources Administration program provides the Department with overall management and leadership while coordinating financial activities, rates, fees and assured water supplies.

Trends

With the increased utilization of renewable surface water supplies, operational costs will continue to increase. Unfunded Federal and State water quality mandates, designed to safeguard public health, continues to impact Department resources significantly.

Program Broad Goals

Provide leadership, direction and management to deliver safe, reliable, efficient and effective water and wastewater services to our customers.

Coordinate financial activities that include prudent rates, fees and bond issuances.

Provide a long-term assured water supply for the City.

Program 2005/06 Objectives

Manage the City water and wastewater programs to meet or surpass all Federal and State requirements.

Review and adjust rates and fees annually to ensure that rates charged for services provided are appropriately priced and development fees pay for growth related capital improvement needs.

Secure and maintain a long term assured water supply for existing and future demand.

Program Provided in Partnership With

Accounting, Budget, Purchasing, Utility Billing, Capital Project Management, Human Resources

Program Customers

City water and wastewater customers, Accounting, Utility Billing, Capital Project Management

City Council's Broad Goal(s)

Fiscal and Resource Management

Basic Equipment

Personal computers, Microsoft Office Suite, 10-key calculators, cell phones and pagers

Special Equipment

None

Resources by Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Enterprise Fund Program User Fees/Charges/Support	\$1,530,920	\$1,239,196	\$1,298,741	\$1,551,727
Total Program Revenues	\$1,530,920	\$1,239,196	\$1,298,741	\$1,551,727

Expenditures By Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Personal Services	\$739,640	\$858,853	\$858,853	\$1,009,506
Contractual Services	724,214	366,443	392,988	466,221
Commodities	67,066	13,900	13,900	76,000
Capital Outlays	-	-	33,000	-
Total Program Budget	\$1,530,920	\$1,239,196	\$1,298,741	\$1,551,727

Performance Measures

Program/Service Outputs: (goods, services, units produced)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Increased rate for water service per financial plan	5.0%	3.0%	3.0%	3.5%
Increased rate for wastewater service per financial plan	1.5%	2.5%	3.0%	4.0%

Program/Service Outcomes: (based on program objectives)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Completed the annual review, analysis and adjustment of the twenty-year financial plan for the water and sewer funds in order to assure proper management of expected revenues and expenditures	yes	yes	yes	yes
Adjusted water and sewer development fees based on capital expenditure needs and inflation	yes	yes	yes	yes

Program Staffing

1 Full-Time Admin Secty	1.00
1 Full-Time Dept Advisor	1.00
1 Full-Time Drinking Wtr Program Coord	1.00
1 Full-Time Gm Wtr Res	1.00
1 Full-Time Wtr Financial Spec	1.00
2 Full-Time Wtr Res Anlst	2.00
1 Full-Time Wtr Res Dir	1.00
1 Full-Time Wtr Res Engineer	1.00
1 Full-Time Wtr Res Office Coord	1.00
1 Full-Time Wtr Res Planning Advisor	1.00
Total Program FTE	11.00

Prior Year Highlights

Adjusted the water and wastewater rates and development fees to assure the services are prudently priced and to assure that development fees cover the cost of growth related capital improvement needs.

Maintained the Assured Water Supply designation with the Arizona Department of Water Resources.

Initiated a strategic plan for the Water Resources Department to design the vision for the future. This plan will be a focused blueprint to address the needs of our customers, City Council and employees.

PLANET RANCH WATER RIGHTS

Water Resources Department

Program Description

Planet Ranch was acquired in 1984 for the approximately 15,700 acre-feet of water rights associated with it. State requirements for an assured water supply prompted the purchase of long-term supplies for the City. The water could eventually be piped to the CAP canal south of the Ranch for transportation to Scottsdale, or the water rights will be sold or exchanged for other rights.

Trends

Planet Ranch represents a long term water rights acquisition investment including asset management.

Program Broad Goals

Maintain the physical assets and water rights associated with the Ranch.

Keep the cost of maintaining the Ranch at a minimum while being prepared to resume farming activities to retain the water rights if the State denies the City request for a change of use permit from agriculture to municipal.

Program 2005/06 Objectives

Provide the resources and staffing necessary to maintain the assets and rights of Planet Ranch.

Provide the minimum level of security and maintenance to maintain the Ranch and assets.

Program Provided in Partnership With

Water Resources Administration

Program Customers

Arizona Department of Water Resources, US Fish and Game, Bureau of Reclamation

City Council's Broad Goal(s)

Fiscal and Resource Management

Basic Equipment

Personal computers, Microsoft Office Suite, ranch related equipment

Special Equipment

Farm and ranch equipment including wells, irrigation systems, tractors, hay balers, machine shop tools, air compressors, welder

Resources by Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Enterprise Fund Program User Fees/Charges/Support	\$195,017	\$234,545	\$234,545	\$232,377
Total Program Revenues	\$195,017	\$234,545	\$234,545	\$232,377

Expenditures By Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Personal Services	\$67,885	\$106,537	\$106,537	\$106,997
Contractual Services	117,228	105,958	105,958	104,805
Commodities	9,904	22,050	22,050	20,575
Total Program Budget	\$195,017	\$234,545	\$234,545	\$232,377

Performance Measures

Program/Service Outputs: (goods, services, units produced)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Annual hours expended to perform the minimum level of Ranch maintenance/security to maintain and protect assets and water rights	4,500	4,500	4,500	4,500

Program/Service Outcomes: (based on program objectives)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Maintain ranch assets and water rights	yes	yes	yes	yes

Program Staffing

1 Full-Time Wtr Distribution Field Coord	1.00
Total Program FTE	1.00

Prior Year Highlights

Maintained the Ranch and the associated water rights.

Decreased the expenditures associated with Ranch operation due to the City pursuit of a change of use permit from the Arizona Department of Water Resources, which continues to grant the City an exemption from farming to maintain the water rights.

Program Description

The Water & Wastewater Engineering Program manages five and fifteen year plans for Water Resources Capital Improvement Projects. These plans initiate analyses and directs all water and wastewater infrastructure improvements within Scottsdale, including engineering evaluation of various operational and maintenance issues, i.e., arsenic remediation techniques.

Trends

With the unfunded Federal regulatory compliance dates nearing, the engineering and operational impacts are escalating.

Program Broad Goals

Plan, budget, implement and manage the water and wastewater Capital Improvement Projects program.

Initiate, implement and manage engineering design projects to provide best available technologies for water quality issues such as arsenic and disinfections by-product remediation.

Ensure water and wastewater infrastructure for private development is in compliance with the master plan and operational needs.

Program 2005/06 Objectives

Update the Capital Improvement Projects plan every year. Ensure that capital improvements needed to accommodate growth are updated in the development fees needs.

Manage and coordinate engineering design contracts for water and wastewater treatment issues, including pilot technology testing to determine best available remediation techniques.

Provide the resources to review developer plans to ensure compliance with the City master plan and infrastructure needs.

Program Provided in Partnership With

Capital Project Management, Project Review, Accounting

Program Customers

Capital Project Management, Planning, Financial Services

City Council's Broad Goal(s)

Fiscal and Resource Management

Basic Equipment

Personal computers, Microsoft Office Suite, 10-key calculators

Special Equipment

None

Resources by Type				
	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Enterprise Fund Program User Fees/Charges/Support	\$269,289	\$476,176	\$476,176	\$459,791
Total Program Revenues	\$269,289	\$476,176	\$476,176	\$459,791
Expenditures By Type				
	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Personal Services	\$252,138	\$457,539	\$457,539	\$435,904
Contractual Services	16,527	13,637	13,637	22,887
Commodities	624	5,000	5,000	1,000
Total Program Budget	\$269,289	\$476,176	\$476,176	\$459,791

Performance Measures

Program/Service Outputs: (goods, services, units produced)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Number of water and sewer infrastructure stipulations written for development reviews	178	167	170	175

Program/Service Outcomes: (based on program objectives)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Complete and receive approval of the five-year capital Improvement Projects plan.	yes	yes	yes	yes

Program Staffing

2 Full-Time Sr Wtr Res Engineer	2.00
2 Full-Time Wtr Res Engineer	2.00
1 Full-Time Wtr Res Planning Advisor	1.00
Total Program FTE	5.00

Prior Year Highlights

Provided the planning, budgeting and management of the water and wastewater capital improvement projects program.

Provided reviews of developer plans and made stipulations to assure compliance with City master plans and infrastructure needs.

Managed and coordinated engineering design contracts for water and wastewater quality issues, including pilot technology testing to determine best available remediation techniques.

Program Description

The WestWorld Golf and Recharge program provides for the contractual obligation for water service to the Sanctuary Public Golf Course. This program also provides for water recharge into the groundwater aquifer as required under the agreement with the U.S. Bureau of Reclamation, which owns the land the facilities are located on. All costs are recovered through rates charged to the Sanctuary Golf Course for the services.

Trends

Contractual obligation to provide water service with all costs recovered through rates charged for the service.

Program Broad Goals

Provide irrigation water service per the agreement, including operation, maintenance and repairs of the water recharge facilities.

Ensure that all costs associated with providing this service are recovered through the rates charged under the agreement.

Program 2005/06 Objectives

Effectively operate the system to produce sufficient quantity of irrigation and recharge water to meet contractual demands.

Review and adjust rates charged for this service to ensure that all costs are recovered.

Comply with the State Aquifer Protection Permit requirements on recharge.

Program Provided in Partnership With

Accounting, Purchasing, Accounts Payable, Payroll

Program Customers

WestWorld Golf Course, Accounting, Arizona Department of Environmental Quality

City Council's Broad Goal(s)

Fiscal and Resource Management

Basic Equipment

Personal computers, Microsoft Office Suite, 10-key calculators

Special Equipment

None

Resources by Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Enterprise Fund Program User Fees/Charges/Support	\$135,514	\$131,520	\$131,520	\$137,257
Total Program Revenues	\$135,514	\$131,520	\$131,520	\$137,257

Expenditures By Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Personal Services	\$4,999	-	-	-
Contractual Services	35,021	\$36,120	\$36,120	\$38,257
Commodities	95,494	95,400	95,400	99,000
Total Program Budget	\$135,514	\$131,520	\$131,520	\$137,257

Performance Measures

Program/Service Outputs: (goods, services, units produced)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Supplied water to the Sanctuary Golf Course at WestWorld per agreement	418 acre feet	4417	425	425

Program/Service Outcomes: (based on program objectives)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Provide contract water service to the golf course and recharge facilities with the costs recovered through rates charged	yes	yes	yes	yes

Program Staffing

No specific staff positions or FTE's are assigned to this program.

Prior Year Highlights

Provided non-potable irrigation water service to the Westworld Golf Course and recharge operations per the agreement.

Adjusted the rate charged for the irrigation water to ensure all costs of providing the service are recovered.

INLET GOLF COURSE IRRIGATION

Water Resources Department

Program Description

The Inlet Golf Course Irrigation program provides for the contractual obligation for water service to the Scottsdale Silverado Public Golf Course. All costs are recovered through rates charged for the service.

Trends

Contractual obligation to provide irrigation water service with all costs recovered through rates charged for the service.

Program Broad Goals

Provide contractual water service and operation of the Silverado Golf Course water facilities.

Ensure that all costs associated with providing this service are recovered through the rates charged under the agreement.

Program 2005/06 Objectives

Provide sufficient quantity of irrigation water to meet contractual demands.

Review and adjust the rate charged to recover all costs of providing the service.

Test and calibrate the golf course meter every six months to assure correct measurement and proper billing.

Program Provided in Partnership With

Accounting

Program Customers

Silverado Golf Course, Accounting, Salt River Project

City Council's Broad Goal(s)

Fiscal and Resource Management

Basic Equipment

Personal computers, Microsoft Office Suite, 10-key calculators

Special Equipment

None

Resources by Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Enterprise Fund Program User Fees/Charges/Support	\$44,391	\$49,513	\$49,513	\$50,787
Total Program Revenues	\$44,391	\$49,513	\$49,513	\$50,787

Expenditures By Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Personal Services	\$1,200	\$4,289	\$4,289	\$4,476
Contractual Services	2,547	2,224	2,224	2,811
Commodities	40,644	43,000	43,000	43,500
Total Program Budget	\$44,391	\$49,513	\$49,513	\$50,787

INLET GOLF COURSE IRRIGATION

Water Resources Department

Performance Measures

Program/Service Outputs: (goods, services, units produced)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Water supplied to the Silverado Golf Course per agreement during the fiscal year (acre feet)	384	401	425	425

Program/Service Outcomes: (based on program objectives)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Provide contract water service to the golf course with all costs recovered through rates charged.	yes	yes	yes	yes

Program Staffing

No specific staff positions or FTE's are assigned to this program.

Prior Year Highlights

Provided non-potable irrigation water service to the Inlet Golf Course (Silverado Golf Course) per the agreement.

Adjusted the rate charged for irrigation water to ensure all costs of providing the service are recovered.

WATER & WASTEWATER OPERATIONS ADMINISTRATION

Water Resources Department

Program Description

The Water & Wastewater Operations Administration program provides the water and wastewater operations programs with leadership, direction, and support.

Trends

The Water & Wastewater Operations Administration program takes all operations-related phone calls for distribution to the correct area for response. Due to program and system improvements, the number of citizen contacts has declined over the past two years.

Program Broad Goals

Provide leadership, direction and management to the Operations program to ensure the delivery of safe, reliable, efficient services.

Program 2005/06 Objectives

Manage the City Water and Wastewater Operations programs to provide safe and reliable services and to maintain compliance with all Federal and State requirements.

Monitor and update the High Performance Work System, which promotes efficient use of the various disciplines within the Operations programs.

Continue implementation of security system improvements at water and wastewater sites.

Program Provided in Partnership With

Purchasing, Accounts Payable, Payroll, Utility Billing, Human Resources

Program Customers

City water and wastewater customers, Utility Billing, Arizona Department of Environmental Quality

City Council's Broad Goal(s)

Fiscal and Resource Management

Basic Equipment

Personal computers, Microsoft Office Suite, 10-key calculators, two-way radios for communication with field staff

Special Equipment

None

Resources by Type				
	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Enterprise Fund Program User Fees/Charges/Support	\$939,489	\$911,225	\$911,398	\$937,426
Total Program Revenues	\$939,489	\$911,225	\$911,398	\$937,426
Expenditures By Type				
	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Personal Services	\$646,990	\$634,485	\$634,485	\$620,724
Contractual Services	264,718	247,240	247,353	286,202
Commodities	17,154	29,500	29,500	30,500
Capital Outlays	10,627	-	60	-
Total Program Budget	\$939,489	\$911,225	\$911,398	\$937,426

Performance Measures

Program/Service Outputs: (goods, services, units produced)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Number of phone inquiries processed which relate to water and sewer operational issues	28,336	25,950	26,000	26,000

Program/Service Outcomes: (based on program objectives)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Provide safe, reliable water and sewer service to City customers without Federal or State violations	yes	yes	yes	yes

Program Staffing

4 Full-Time Citizen Svc Rep	4.00
1 Full-Time Syst Integrator	1.00
1 Full-Time Training / Sfty Coord	1.00
1 Full-Time Wtr Oper Dir	1.00
1 Full-Time Wtr Oper Syst Coord	1.00
1 Full-Time Wtr Res Office Coord	1.00
Total Program FTE	9.00

Prior Year Highlights

Provided management, leadership and support to all of the Operation Division programs.

Continued to make improvements to the High Performance Work System in the Operation Division programs to make efficient use of all disciplines.

Completed the Vulnerability Assessment for Water and Wastewater System Security.

Programmed a five-year plan for security enhancements for both systems. Initiated installation of security enhancements at water facilities.

WATER CONSERVATION

Water Resources Department

Program Description

The Water Resources Department promotes water conservation to citizens through education and incentives and maintains compliance with the mandated Arizona Department of Water Resources Non-Per Capita Conservation Program.

Trends

As a mandated program, the City is required to meet all of the sixteen required conservation measures under the Arizona Department of Water Resources Non-Per Capita Conservation Program.

Program Broad Goals

Promote water conservation to customers.

Maintain compliance with the State Non-Per Capita Conservation Program.

Program 2005/06 Objectives

Provide water conservation best management practices information to citizens through education, workshops and literature.

Complete the sixteen conservation measures required under the Stipulated Agreement with the Arizona Department of Water Resources and report on those measures annually.

Program Provided in Partnership With

Utility Billing, Plan Review, City Attorney

Program Customers

City water customers, Arizona Department of Water Resources

City Council's Broad Goal(s)

Fiscal and Resource Management

Basic Equipment

Personal computers, Microsoft Office Suite, 10-key calculators

Special Equipment

None

Resources by Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Enterprise Fund Program User Fees/Charges/Support	\$473,905	\$478,716	\$536,491	\$930,038
Total Program Revenues	\$473,905	\$478,716	\$536,491	\$930,038

Expenditures By Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Personal Services	\$265,492	\$289,066	\$289,066	\$364,070
Contractual Services	176,941	165,594	220,094	542,462
Commodities	31,472	24,056	27,331	23,506
Total Program Budget	\$473,905	\$478,716	\$536,491	\$930,038

WATER CONSERVATION

Water Resources Department

Performance Measures

Program/Service Outputs: (goods, services, units produced)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Number of water conservation educational workshops provided	29	18	16	16
Number of customer service assistance phone calls received by Water Conservation office	2,856	2,849	2,875	2,875

Program/Service Outcomes: (based on program objectives)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Maintain compliance with Arizona Department of Water Resources requirements under the Stipulated Agreement	yes	yes	yes	yes

Program Staffing

3 Full-Time Wtr Conservtn Spec	3.00
1 Full-Time Wtr Res Anlst	1.00
Total Program FTE	4.00

Prior Year Highlights

Met all requirements and stipulations of the Arizona Department of Water Resources Non-Per Capita Conservation Program.

Promoted water conservation through various workshops, trade shows, school shows, rebate programs and media coverage.

Developed a landscape revitalization workbook to assist homeowners with renovating front yard landscaping. The workbook contains seven unique landscapes designed with the low-water-use principles of Xeriscape in mind; so they are both beautiful and water efficient.

WATER DISTRIBUTION

Water Resources Department

Program Description

The Water Distribution program provides for operation, maintenance, repair, installation and replacement of the City water distribution system that includes: 1,884 miles of water lines, 9,447 fire hydrants, 83,710 water service lines and 38,458 main line water valves.

Trends

Parts of the water system are old and deteriorating causing leaks and the need for repairs. The aggressive replacement of aging water lines through a Capital Improvement Project will produce a reduction in emergency main repairs.

Program Broad Goals

Deliver safe and reliable potable water to City water customers through the distribution system.

Program 2005/06 Objectives

Minimize service disruptions through preventive maintenance and proper underground utility identification and markings.

Deliver the highest level of service and responses to the City water customers.

Continue with the aggressive meter replacement program to increase revenues and water accountability.

Program Provided in Partnership With

Utility Billing, Risk Management, Purchasing, GIS Data Services, Plan Review, Inspection Services

Program Customers

City water customers, Utility Billing

City Council's Broad Goal(s)

Fiscal and Resource Management

Basic Equipment

Personal protective equipment and various hand tools

Special Equipment

Backhoes, dump trucks, pickup trucks, barricades, shoring equipment, boring tools, line pullers, metal detectors, line locators, vacuum units, air compressors, field laptop computers, City band hand held radios, lift cranes water pumps

Resources by Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Enterprise Fund Program User Fees/Charges/Support	\$3,273,319	\$3,405,018	\$3,388,374	\$3,921,459
Total Program Revenues	\$3,273,319	\$3,405,018	\$3,388,374	\$3,921,459

Expenditures By Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Personal Services	\$1,759,467	\$1,866,783	\$1,866,783	\$2,105,629
Contractual Services	725,602	672,789	672,854	795,960
Commodities	787,263	805,446	848,737	970,370
Capital Outlays	987	60,000	-	49,500
Total Program Budget	\$3,273,319	\$3,405,018	\$3,388,374	\$3,921,459

WATER DISTRIBUTION

Water Resources Department

Performance Measures

Program/Service Outputs: (goods, services, units produced)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Number of water line repairs made during the fiscal	247	322	225	250
Number of old service lines proactively replaced during the fiscal year	395	298	300	350

Program/Service Outcomes: (based on program objectives)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Minimized the number of service disruptions to City water customers through continuation of proactive water main and service line replacements, preventative maintenance, and proper underground utility identification efforts.	yes	yes	yes	yes

Program Staffing

3 Full-Time Mntce Wrkr I	3.00
11 Full-Time Sr Wtr Svc Wrkr	11.00
1 Full-Time Survey Tech II	1.00
6 Full-Time Wtr / Wstwr Field Rep	6.00
2 Full-Time Wtr Oper Field Coord	2.00
2 Full-Time Wtr Oper Supv	2.00
10 Full-Time Wtr Svc Wrkr	10.00
Total Program FTE	35.00

Prior Year Highlights

Minimized service disruptions through proper underground utility identification and location markings.

Started an aggressive meter replacement program to increase revenue and water accountability.

Increased preventive maintenance activities in order to reduce service disruptions to customers.

WATER PRODUCTION

Water Resources Department

Program Description

The Water Production program provides for operation, maintenance, repair and replacement of over 500 Water Production facilities that produce safe clean water to Scottsdale citizens and visitors. Includes 31 potable deep well pump sites, 43 reservoirs with a storage capacity of 61 million gallons, 86 potable water booster pump stations and 340 pressure reducing valve stations. This program also regulates and monitors close to 10,000 backflow assemblies that require annual inspection under the State mandated Backflow Protection program.

Trends

The rapid growth of development in the City over the past few years has slowed, allowing the Water Production staff to focus on preventive and predictive maintenance increasing the efficiency and extending the life of primary equipment. With increased utilization of available renewable surface water supplies, groundwater wells will be used for peak demand, primarily in the summer months and for long-term drought protection.

Program Broad Goals

Deliver safe and reliable potable water to City water customers through the production facilities.

Meet the State requirement of reducing groundwater use.

Program 2005/06 Objectives

Minimize service disruptions by preventive maintenance on all pumping equipment associated within City pump stations, reservoirs and pressure reducing valve stations.

Continue reduction of groundwater withdrawals.

Program Provided in Partnership With

Risk Management, Purchasing, Stores, Parks Recreation Facilities Maintenance, GIS Data Services, Department Support, Capital Project Management, Fleet Maintenance, Plan Review

Program Customers

City water customers

City Council's Broad Goal(s)

Fiscal and Resource Management

Basic Equipment

Hand tools, personal and field laptop computers, two way radios

Special Equipment

Work vehicle, electrical/ohm test meter, calibrating instruments, SCADA telemetry control communication equipment, infrared camera, vibration monitoring meter, numerous meters for troubleshooting electronic equipment

Resources by Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Enterprise Fund Program User	\$5,556,775	\$5,993,863	\$6,009,780	\$6,176,682
Fees/Charges/Support				
Total Program Revenues	\$5,556,775	\$5,993,863	\$6,009,780	\$6,176,682

Expenditures By Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Personal Services	\$1,164,391	\$1,176,172	\$1,176,172	\$1,364,038
Contractual Services	3,556,709	4,149,555	4,151,371	4,132,684
Commodities	823,301	668,136	682,237	679,960
Capital Outlays	12,374	-	-	-
Total Program Budget	\$5,556,775	\$5,993,863	\$6,009,780	\$6,176,682

WATER PRODUCTION

Water Resources Department

Performance Measures

Program/Service Outputs: (goods, services, units produced)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Maintained pressure-reducing sites in the water system to compensate for new development in higher elevations of the City	291 sites	340	340 sites	350

Program/Service Outcomes: (based on program objectives)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Percentage of ground water pumped to total potable water produced during the fiscal year.	35%	32%	25%	25%
Protect the potable water system by maintaining the Cross-Connection Program per regulations. Number of properly maintained cross-connection devices (running total).	8,986	9,586	10,000	10,500

Program Staffing

1 Full-Time Cmptrzd Mntce Mgmt Syst Tech	1.00
1 Full-Time Cross Connection Ctrls Spec	1.00
1 Full-Time Cross Connection Ctrls Tech	1.00
1 Full-Time Sr Telemetry Ctrls Spec	1.00
1 Full-Time Sr Wtr Srv Wkr	1.00
2 Full-Time Telemetry Ctrls Spec	2.00
1 Full-Time Wtr Elec	1.00
3 Full-Time Wtr Elec Tech	3.00
5 Full-Time Wtr Mntce Tech	5.00
1 Full-Time Wtr Mntce Tech Trainee	1.00
2 Full-Time Wtr Oper Field Coord	2.00
1 Full-Time Wtr Oper Supv	1.00
Total Program FTE	20.00

Prior Year Highlights

Provided safe, reliable drinking water service to City customers through numerous Water Production facilities.

Minimized outages through preventive maintenance and quick responses to system problems.

Reduced electric use and cost through innovative scheduling and operation of groundwater wells.

SOUTHERN NEIGHBORHOODS WATER SYSTEM

Water Resources Department

Program Description

The Southern Neighborhoods Water System program provides for the operation and maintenance of production wells and purchased water costs that are non-reimbursed costs associated with Superfund Central Groundwater Treatment Facility (CGTF). Water Production volumes of the CGTF are not sufficient to meet the demand of the service area. Therefore, the City SRP allocation currently treated under contract with the City of Phoenix and existing production wells supplements demand. Costs related to the operation and maintenance of the production wells and purchased water costs are not reimbursed under the EPA Consent Agreement. This program also addresses water quality issues related to the Superfund treatment process, including high nitrate levels, scaling problems, arsenic and total dissolved solids problems.

Trends

Provides a safe drinking water supply to the citizens of south Scottsdale while reducing the reliance on other sources to meet the demands of the area. The existing production well field supplying the CGTF is over 50 years old and failing. Current modifications to the wells will insure a more reliable supply and thereby reduce the need to purchase high cost water from the City of Phoenix.

Program Broad Goals

Deliver safe and reliable potable water to City water customers through the Southern Neighborhood production facilities.

Meet or surpass all conditions of the EPA Consent Decree for the Superfund site.

Program 2005/06 Objectives

Operate the wells and CGTF to meet the minimum daily average pumping goal of 6,300 gpm established by the Superfund Consent Decree, which will effectively reduce our need to purchase additional water.

Maintain all equipment effectively.

Program Provided in Partnership With

Water Production, Water Operations Administration

Program Customers

South Scottsdale Water Customers, U.S. Environmental Protection Agency, Arizona Department of Environmental Quality, Maricopa County Health Department

City Council's Broad Goal(s)

Fiscal and Resource Management

Basic Equipment

Personal computers, Microsoft Office Suite

Special Equipment

SCADA, Well Pumping Equipment, Distribution Pump Equipment, Chlorine Analyzers, air stripping column, air scrubber, proposed reverse osmosis equipment

Resources by Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Enterprise Fund Program User Fees/Charges/Support	\$3,380,626	\$3,807,632	\$3,734,632	\$2,849,487
Total Program Revenues	\$3,380,626	\$3,807,632	\$3,734,632	\$2,849,487

Expenditures By Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Personal Services	\$20,451	\$66,904	\$66,904	\$62,726
Contractual Services	1,235,868	1,033,964	1,033,964	1,059,997
Commodities	2,124,307	2,706,764	2,633,764	1,726,764
Total Program Budget	\$3,380,626	\$3,807,632	\$3,734,632	\$2,849,487

SOUTHERN NEIGHBORHOODS WATER SYSTEM

Water Resources Department

Performance Measures

Program/Service Outputs: (goods, services, units produced)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Number of millions of gallons of water purchased from the City of Phoenix during the fiscal year	1,304	1,171	1,100	1,100

Program/Service Outcomes: (based on program objectives)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Exceed the minimum pumping goal of 6,300 gpm avg daily flow	Yes	Yes	Yes	Yes

Program Staffing

No specific staff positions or FTE's are assigned to this program.

Prior Year Highlights

Met or surpassed all conditions of the EPA Consent Decree for this Superfund site.

Delivered safe reliable potable water to City water customers through the Southern Neighborhood Treatment facilities.

Surpassed the minimum daily average pumping goal of 6,300 gallons per minute established by the Superfund Consent Decree which effectively reduced the need to purchase additional water.

WASTEWATER COLLECTION

Water Resources Department

Program Description

The Wastewater Collection program provides operations and maintenance for the 1,296 miles of sewer lines and transmission lines that collect wastewater, including odor control, for all wastewater customers within the Scottsdale service area.

Trends

Through the pro-active scheduling of cleaning, treatment of manholes for roaches and video inspections of new sewer installations, the number of odor and roach complaints and sewer stoppages has been reduced over the last several years.

Program Broad Goals

Provide safe, continuous transport of all wastewater within the City of Scottsdale.

Ensure correct sewer line operating conditions to avoid odor complaints.

Reduce the number of roach complaints in the sewer system.

Program 2005/06 Objectives

Complete scheduled sewer cleaning maintenance program for one-third of the system annually.

Video inspection of 100% of all new sewer installations and one-third of the existing system annually.

Provide roach control insecticide application for over 14,000 sewer manholes.

Program Provided in Partnership With

Fleet Maintenance, Capital Project Management, Risk Management, Utility Billing, GIS Data Services

Program Customers

City wastewater customers, U.S. Environmental Protection Agency, Department of Environmental Quality, Maricopa County Health Department

City Council's Broad Goal(s)

Fiscal and Resource Management

Basic Equipment

Personal protective equipment, various hand tools

Special Equipment

City owned and operated hydro truck, confined space equipment, gas monitors, metal locaters, backhoes, dump truck, air compressors, shoring equipment, hand held City band radios, pick-up trucks, desktop and truck mounted computer, chlorine trailer, self contained breathing apparatus

Resources by Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Enterprise Fund Program User Fees/Charges/Support	\$673,209	\$750,310	\$750,310	\$805,503
Total Program Revenues	\$673,209	\$750,310	\$750,310	\$805,503

Expenditures By Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Personal Services	\$119,312	\$140,248	\$140,248	\$153,405
Contractual Services	553,897	610,062	610,062	652,098
Total Program Budget	\$673,209	\$750,310	\$750,310	\$805,503

WASTEWATER COLLECTION

Water Resources Department

Performance Measures

Program/Service Outputs: (goods, services, units produced)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Number of roach complaints received during the fiscal year	140	171	160	150
Number of sewer stoppages reported during the fiscal year	30	44	40	36

Program/Service Outcomes: (based on program objectives)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Number of sewer manholes treated annually with roach control insecticide	12,785	14,150	14,600	14,650

Program Staffing

No specific staff positions or FTE's are assigned to this program.

Prior Year Highlights

Completed scheduled sewer cleaning maintenance program for one-third of the system annually.

Completed video inspection of 100 percent of all new sewer installations and one-third of the existing system.

Provided roach control insecticide application for over 14,500 sewer manholes.

WASTEWATER MAINTENANCE

Water Resources Department

Program Description

The Wastewater Maintenance program operates maintains and repairs 42 sewer pump stations in the wastewater collection system, including electrical, mechanical, SCADA and odor control needs. The sites are monitored 24 hours per day per the radio telemetry system and physically checked on a weekly basis.

Trends

Through a staff reorganization Water/Waste Production dedicated four persons (1.08 FTEs) to assume the lift station maintenance as part of their normal assigned duties. Since this reorganization, the employees assigned have increased preventive maintenance reducing required repairs and overtime.

Program Broad Goals

Operate and maintain sewer lift stations without spills or odor complaints.

Meet or surpass all State and Federal regulatory requirements.

Program 2005/06 Objectives

Provide preventive maintenance and quick responses to operational needs.

Reduce chemical costs related to odor control within the system.

Program Provided in Partnership With

Risk Management, Purchasing, Stores, GIS Data Services, Department Support, Capital Project Management, Fleet Maintenance, Operations

Program Customers

City wastewater customers, U.S. Environmental Protection Agency, Department of Environmental Quality, Maricopa County Health Department

City Council's Broad Goal(s)

Fiscal and Resource Management

Basic Equipment

Hand tools, personal computer odor monitoring meters

Special Equipment

Includes electric pumps, telemetry control system (SCADA) communications equipment, generator, odor control system, work vehicle, calibrating instruments, infrared camera, vibration monitoring meter, odor monitoring meter and numerous meters for trouble shooting electronic equipment

Resources by Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Enterprise Fund Program User Fees/Charges/Support	\$372,106	\$345,554	\$349,485	\$374,117
Total Program Revenues	\$372,106	\$345,554	\$349,485	\$374,117

Expenditures By Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Personal Services	\$85,927	\$104,648	\$104,648	\$107,755
Contractual Services	159,704	140,056	140,056	158,862
Commodities	126,475	100,850	104,781	107,500
Total Program Budget	\$372,106	\$345,554	\$349,485	\$374,117

WASTEWATER MAINTENANCE

Water Resources Department

Performance Measures

Program/Service Outputs: (goods, services, units produced)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Number of sewer lift station repairs during the fiscal	275	262	270	275
Number of hours of overtime needed to make sewer lift station repairs during the fiscal year	75	88	90	100

Program/Service Outcomes: (based on program objectives)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Minimize sewer discharges that cause a "Notice of Violation" to be issued by the State.	0 sewer discharges	0 sewer discharges	0 sewer discharges	0 sewer discharges

Program Staffing

No specific staff positions or FTE's are assigned to this program.

Prior Year Highlights

Operated and maintained sewer lift stations without discharges that cause a "Notice of Violation" to be issued by the State.

Met or surpassed all State and Federal regulatory requirements.

Reduced the contract budget for technical services used to provide odor control. Chemicals now purchased and applied by staff.

PUMP BACK SYSTEM

Water Resources Department

Program Description

The Pump Back System program operates and maintains five large Pump Back Stations designed to pump up to 32 million gallons of sewage to the Water Campus where it is treated for golf course irrigation and/or groundwater recharge use. The maintenance needs include electrical, SCADA, mechanical and odor control. The sites are continually monitored 24 hours per day per the radio telemetry system and physically checked on a daily basis.

Trends

All five large pump stations are now in operations and are capable of pumping up to 32 million gallons per day of wastewater generated in the City north of Doubletree Ranch Road, to the Water Campus for treatment and use for golf course irrigation and recharging the groundwater aquifer.

Program Broad Goals

Operate and maintain pumpback stations without spills or odor complaints.

Meet or surpass all Federal and State regulatory requirements.

Program 2005/06 Objectives

Maintain all equipment effectively.

Reduce chemical costs related to odor control within the system.

Program Provided in Partnership With

Risk Management, Purchasing, Stores, GIS Data Services, Department Support, Capital Project Management, Fleet Maintenance, Operations

Program Customers

Reclaimed Water Distribution System (RWDS), Arizona Department of Environmental Quality, Arizona Department of Water Resources

City Council's Broad Goal(s)

Fiscal and Resource Management

Basic Equipment

Reclaimed Water Distribution System (RWDS), Arizona Department of Environmental Quality, Arizona Department of Water Resources

Special Equipment

The equipment involved includes electric pumps, telemetry control system communications equipment (SCADA), generators, odor control systems, work vehicle, calibrating instruments, infrared camera, vibration monitoring meter, odor monitoring meter, numerous meters for trouble shooting electronic equipment

Resources by Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Enterprise Fund Program User Fees/Charges/Support	\$1,371,114	\$1,674,817	\$1,696,750	\$1,693,730
Total Program Revenues	\$1,371,114	\$1,674,817	\$1,696,750	\$1,693,730

Expenditures By Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Personal Services	\$245,387	\$254,499	\$254,499	\$283,552
Contractual Services	681,746	986,908	986,908	985,653
Commodities	412,771	433,410	455,343	424,525
Capital Outlays	31,210	-	-	-
Total Program Budget	\$1,371,114	\$1,674,817	\$1,696,750	\$1,693,730

PUMP BACK SYSTEM

Water Resources Department

Performance Measures

Program/Service Outputs: (goods, services, units produced)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Number of million gallons per day of wastewater pumped to the City Water Campus for treatment	14	14	14	14

Program/Service Outcomes: (based on program objectives)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Number of times a pump station has to be taken off-line for repairs.	0	0	0	0

Program Staffing

1 Full-Time Wstwtr Collection Spec	1.00
3 Full-Time Wstwtr Collection Tech	3.00
Total Program FTE	4.00

Prior Year Highlights

Operated and maintained the pump stations without discharges that cause a "Notice of Violation" to be issued by the State.

Met or surpassed all State and Federal regulatory requirements.

Reduced the contract budget for technical services to provide odor control at the pumpback stations. Chemicals now purchased and applied by staff.

Program Description

The RWDS Administration program provides for the contractual obligation for operation and maintenance of the Reclaimed Water Distribution System, providing irrigation water service for 22.5 private golf courses. It includes five booster stations and separate pipeline paid for by RWDS customers. All costs are recovered through rates charged to RWDS customers.

Trends

Due to system use and age, maintenance is increasing. Although there have been no major problems within the system, minor equipment replacement needs will increase. Also, due to electric equipment being outdated, some parts are no longer obtainable. Water Production has outlined a 4-year equipment replacement program.

Program Broad Goals

Meet all contractual obligations to provide irrigation water service.

Ensure that all costs associated with providing this service are recovered through the rates charged under the agreement.

Program 2005/06 Objectives

Effectively operate the system to produce sufficient quantity and quality of irrigation water to meet contractual demands.

Review and adjust the rates charged to recover all costs associated with providing the service.

Program Provided in Partnership With

Utility Billing, Risk Management, Purchasing, Stores, GIS Data Services, Capital Project Management, Fleet Maintenance, Operations

Program Customers

RWDS customers, Arizona Department of Environmental Quality

City Council's Broad Goal(s)

Fiscal and Resource Management

Basic Equipment

Hand tools, personal protection equipment, work uniforms, and personnel computer

Special Equipment

Work vehicle, electrical/ohm test meter, calibrating instruments, SCADA communication equipment, infrared camera, vibration monitoring meter, numerous meters for trouble shooting electronic equipment

Resources by Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Enterprise Fund Program User	\$1,710,382	\$2,067,069	\$2,175,319	\$2,006,857
Fees/Charges/Support				
Total Program Revenues	\$1,710,382	\$2,067,069	\$2,175,319	\$2,006,857

Expenditures By Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Personal Services	\$60,596	\$61,193	\$61,193	\$60,173
Contractual Services	1,154,020	1,318,876	1,427,126	1,288,304
Commodities	495,766	687,000	687,000	658,380
Total Program Budget	\$1,710,382	\$2,067,069	\$2,175,319	\$2,006,857

Performance Measures

Program/Service Outputs: (goods, services, units produced)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Number of RWDS maintenance hours expended during the fiscal year	850	725	750	750
Acre feet of water provided to the RWDS courses annually (1 acre foot = 325,851 gallons)	12,304	11,700	12,500	12,500

Program/Service Outcomes: (based on program objectives)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Provide contract water service to the RWDS golf courses with all costs recovered through rates charged.	yes	yes	yes	yes

Program Staffing

No specific staff positions or FTE's are assigned to this program.

Prior Year Highlights

Operated the system effectively to produce sufficient quantity and quality of irrigation water to the RWDS golf courses to meet contractual demands.

Adjusted the rate charged for irrigation water to ensure that all costs associated with providing the service are recovered.

Performed preventive maintenance activities to reduce outages for the RWDS contractual customers.

IRRIGATION WATER DISTRIBUTION SYSTEM

Water Resources Department

Program Description

The Irrigation Water Distribution System program provides for the contractual obligation for operations and maintenance of the Irrigation Water Distribution System serving four private golf courses and associated recharge facilities. Includes separate pipeline, nine recharge wells, seven booster stations and three backup water wells paid for by IWDS customers. All costs are recovered through rates charged to IWDS customers.

Trends

The IWDS system began operation in July 2003 and includes recharge of Carefree basin per State requirements.

Program Broad Goals

- Meet all contractual obligations to provide irrigation water service.
- Insure that all costs associated with providing this service are recovered through the rates charged under the agreement.
- Recharge water into the Carefree Basin Aquifer when excess water is available.

Program 2005/06 Objectives

- Effectively operate the system to produce sufficient quantity and quality of irrigation water to meet contractual demands.
- Review and adjust the rates charged to assure that all costs allowed under the agreement are recovered.
- Recharge water into the Carefree Basin Aquifer and comply with the Aquifer Protection Permit

Program Provided in Partnership With

Risk Management, Purchasing, Stores, GIS Data Services, Department Support, Capital Project Management, Fleet Maintenance, Operations

Program Customers

The IWDS golf courses, Arizona Department of Environmental Quality, Arizona Department of Water Resources

City Council's Broad Goal(s)

Fiscal and Resource Management

Basic Equipment

Hand tools, personal protection equipment, work uniforms, personal computer

Special Equipment

Work vehicle, electrical/ohm test meter, calibrating instruments, SCADA communication equipment, infrared camera, vibration monitoring meter, numerous meters for trouble shooting electronic equipment

Resources by Type				
	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Enterprise Fund Program User Fees/Charges/Support	\$575,045	\$1,043,671	\$1,043,671	\$1,240,654
Total Program Revenues	\$575,045	\$1,043,671	\$1,043,671	\$1,240,654
Expenditures By Type				
	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Personal Services	\$115,749	\$117,572	\$117,572	\$60,419
Contractual Services	303,105	604,599	604,599	859,035
Commodities	155,890	321,500	321,500	321,200
Capital Outlays	301	-	-	-
Total Program Budget	\$575,045	\$1,043,671	\$1,043,671	\$1,240,654

IRRIGATION WATER DISTRIBUTION SYSTEM

Water Resources Department

Performance Measures

Program/Service Outputs: (goods, services, units produced)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Number of acre feet of water (325,851 gallons in each acre foot) delivered to IWDS customers	125	1,475	1,925	2,100
Number of acre feet of water recharged as part of the IWDS project	0	1,175	2,350	3,000

Program/Service Outcomes: (based on program objectives)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Provide contract water service to the IWDS golf courses and recharge facilities with the costs recovered through rates charged.	yes	yes	yes	yes

Program Staffing

1 Full-Time Wtr Elec Tech	1.00
Total Program FTE	1.00

Prior Year Highlights

Operated the system effectively to produce sufficient quantity and quality of irrigation water to meet contractual demands.

Adjusted the rates charged for irrigation water to ensure that all costs associated with providing the service are recovered.

Began recharge operations into the Carefree Basin Aquifer.

Program Description

The Central Groundwater Treatment Facility (CGTF) program provides for the contractual obligation with the EPA Consent Decree to operate and maintain the Superfund treatment plant designed to remove Volatile Organic Compounds (VOC) found in the City's groundwater supply in the early 1980's. The main VOC of concern is trichloroethylene (TCE). EPA identified the area as the North Indian Bend Wash (NIBW) Superfund Site and the CGTF was constructed in 1993-94 in accordance with the 1991 Consent Decree (CIV-91-1835-PHX-WPC). The CGTF was constructed by the NIBW participating companies responsible for the contamination and transferred ownership to the City on March 18, 1994. All costs are reimbursed by the Participating Companies.

Trends

Providing a safe drinking water supply to the customers of south Scottsdale while assisting the EPA in plume management and control is a key trend that will be monitored and analyzed. It is anticipated that the continued pumping of the contaminated aquifers will diminish the plume in both size and concentration. We will be looking to reduce levels of VOCs remaining in the aquifer while maintaining the volume of water required to meet system demands.

Program Broad Goals

Meet or exceed all Effective Remediation Goals set in the Superfund Consent Decree to achieve effective remediation of the contaminated groundwater.

Maintain High Standard of Regulatory Compliance.

Program 2005/06 Objectives

Effectively operate the CGTF plant to meet the minimum pumpage goal of 6,300 gpm daily average as required.

Monitor and report to regulatory agencies on plant outputs including quantity, water quality and air quality

Program Provided in Partnership With

Risk Management, Purchasing, Accounts Payable, Payroll, Water Operations Administration

Program Customers

South Scottsdale water customers, EPA, Superfund, Arizona Department of Environmental Quality, Maricopa County Health Department

City Council's Broad Goal(s)

Fiscal and Resource Management

Basic Equipment

Personal computers, Microsoft Office Suite

Special Equipment

SCADA, Well Pumping Equipment, Process air fans, Natural Gas Heaters, GAC contactors

Resources by Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Enterprise Fund Program User Fees/Charges/Support	\$828,627	\$880,919	\$880,919	\$853,516
Total Program Revenues	\$828,627	\$880,919	\$880,919	\$853,516

Expenditures By Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Personal Services	\$199,361	\$157,893	\$157,893	\$65,381
Contractual Services	351,074	405,826	405,826	465,935
Commodities	278,192	317,200	317,200	322,200
Total Program Budget	\$828,627	\$880,919	\$880,919	\$853,516

Performance Measures

Program/Service Outputs: (goods, services, units produced)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Number of pounds of Volatile Organic Compounds removed annually through the CGTF treatment process	2,760	2,549	2,400	2,400

Program/Service Outcomes: (based on program objectives)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Met Superfund Consent Decree minimum pumping goal of 6,300 gpm avg daily flow	yes	yes	yes	yes
Maintained high level of regulatory compliance	yes	yes	yes	yes

Program Staffing

No specific staff positions or FTE's are assigned to this program.

Prior Year Highlights

Met or surpassed all Effective Remediation Goals set in the Superfund Consent Decree to achieve effective remediation of the contaminated groundwater.

Performed required sampling and reporting of data and maintained a high standard of regulatory compliance.

Produced water that was non-detect for TCE contamination for the sixth straight year.

WATER/WASTEWATER QUALITY

Water Resources Department

Program Description

The Water/Wastewater Quality program manages the water and wastewater quality groups to ensure water quality and compliance with federal regulations. Operates the water and wastewater quality laboratories.

Trends

With the existing and proposed unfunded Federal regulatory mandates (i.e., arsenic and the proposed disinfection by-products regulations), the impacts on this program will increase.

Program Broad Goals

Ensure that the City Water Resources Department is in compliance with all water and wastewater quality regulations.

Program 2005/06 Objectives

Provide the sampling, testing, analysis and reporting to assure compliance.

Program Provided in Partnership With

Risk Management, Purchasing, Accounts Payable, Payroll

Program Customers

Water and wastewater customers, Wastewater Reclamation, Industrial Pretreatment, Superfund, Water Resources, Arizona Department of Environmental Quality

City Council's Broad Goal(s)

Fiscal and Resource Management

Basic Equipment

Personal computers, Microsoft Office Suite

Special Equipment

Laboratory instruments

Resources by Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Grants/Trust Receipts	\$1,069	\$815,000	\$815,000	-
Enterprise Fund Program User Fees/Charges/Support	1,457,652	1,691,697	1,633,590	\$1,968,104
Total Program Revenues	\$1,458,721	\$2,506,697	\$2,448,590	\$1,968,104

Expenditures By Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Personal Services	\$1,002,642	\$1,133,392	\$1,074,329	\$1,256,932
Contractual Services	284,687	415,005	415,005	495,713
Commodities	170,323	143,300	144,256	215,459
Subtotal Program Budget	1,457,652	1,691,697	1,633,590	1,968,104
Grant/Trust Expenditures	1,069	815,000	815,000	-
Total Program Budget	\$1,458,721	\$2,506,697	\$2,448,590	\$1,968,104

WATER/WASTEWATER QUALITY

Water Resources Department

Performance Measures

Program/Service Outputs: (goods, services, units produced)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Number of water and wastewater quality tests performed annually	23,943	23,797	24,000	24,500

Program/Service Outcomes: (based on program objectives)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Maintained a high level of regulatory compliance for the drinking water system	yes	yes	yes	yes

Program Staffing

3 Full-Time Chemist I	3.00
6 Full-Time Chemist II	6.00
1 Full-Time Drinking Wtr Program Coord	1.00
1 Full-Time Lab & Wtr Qlty Mgr	1.00
1 Full-Time Lab Tech	1.00
1 Full-Time Qlty Assur & Reg Compl Supv	1.00
1 Full-Time Sr Chemist	1.00
1 Full-Time Wtr Qlty Sampler	1.00
1 Full-Time Wtr Qlty Spec	1.00
1 Full-Time Wtr Qlty Tech	1.00

Total Program FTE 17.00

Prior Year Highlights

Provided testing and analysis of water and wastewater quality to ensure compliance with all State and Federal requirements.

Received a high score from the Arizona Department of Health Services on the audit of the water and wastewater laboratories.

Received EPA certification to perform microbiological analyses which means a reduction in outside laboratories testing needs.

TREATMENT PLANT STAFFING

Water Resources Department

Program Description

The Treatment Plant Staffing program is designed to capture salaries and individual costs for the multi-tasked professional staff for all of the treatment plants. Staffing costs are located in this program and time worked at each separate plant is charged to the appropriate Treatment program. All operators are trained and State certified to operate all treatment plants, which enables them to rotate from plant to plant.

Trends

This program was established to separately track administration, operations and maintenance treatment plant staff related costs at the Water Campus and Gainey Ranch Treatment plants.

Program Broad Goals

Facilitate rotation of the multi-trained treatment plant operators.

Program 2005/06 Objectives

Track treatment plant staffing costs.

Program Provided in Partnership With

Human Resources

Program Customers

Treatment and Water Quality

City Council's Broad Goal(s)

Fiscal and Resource Management

Basic Equipment

Personal computers, Microsoft Office Suite

Special Equipment

None

Resources by Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Enterprise Fund Program User	\$1,054,546	\$1,196,425	\$1,202,331	\$1,859,853
Fees/Charges/Support				
Total Program Revenues	\$1,054,546	\$1,196,425	\$1,202,331	\$1,859,853

Expenditures By Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Personal Services	\$1,037,997	\$1,138,365	\$1,144,271	\$1,716,996
Contractual Services	1,134	42,420	42,420	118,691
Commodities	15,415	15,640	15,640	24,166
Total Program Budget	\$1,054,546	\$1,196,425	\$1,202,331	\$1,859,853

TREATMENT PLANT STAFFING

Water Resources Department

Performance Measures

Program/Service Outputs: (goods, services, units produced)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Number of operators needed to operate the three Water Campus treatment plants 24 hours a day, 365 days a year.	12	12	12	17
Number of maintenance technicians needed to maintain and repair the three water Campus Treatment Plants	7	7	9	11

Program/Service Outcomes: (based on program objectives)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Treatment plants operate with full staff 100% of the time.	yes	yes	yes	yes

Program Staffing

1 Full-Time Admin Secty	1.00
1 Full-Time Cntl Grndwtr Trtmnt Fac Coord	1.00
1 Full-Time Mntce Hvac Tech	1.00
1 Full-Time Process Ctrl Anlst	1.00
1 Full-Time Reg Compliance Anlst	1.00
2 Full-Time Sr Wtr Mntce Tech	2.00
1 Full-Time Sr Wtr Plant Op	1.00
1 Part-Time Suprt Spec	0.50
4 Full-Time Wtr / Wstwtr Plant Sr Oper	4.00
1 Full-Time Wtr / Wstwtr Trtmnt Mgr	1.00
18 Full-Time Wtr / Wstwtr Trtmnt Plant Oper	18.00
1 Full-Time Wtr / Wstwtr Trtmnt Qlty Dir	1.00
1 Full-Time Wtr Campus Compliance Spec	1.00
2 Full-Time Wtr Campus Mntce Spec	2.00
2 Full-Time Wtr Campus Mntce Tech	2.00
3 Full-Time Wtr Elec Tech	3.00
1 Full-Time Wtr Mntce Tech	1.00
1 Full-Time Wtr Res Tech Plan/Suprt Coord	1.00
1 Full-Time Wtr/Wstwtr Trtmnt Coord	1.00
Total Program FTE	43.50

Prior Year Highlights

Tracked treatment staffing costs to facilitate rotation of multi-trained operators at the three Water Campus Treatment Plants.

CAP TREATMENT PLANT

Water Resources Department

Program Description

The CAP Water Treatment Plant program provides for operations, maintenance and repair of the City 50 million gallon per day drinking water facility.

Trends

As a result of restrictions on ground water usage, the City will continue to maximize use of available surface water supplies in areas historically served by groundwater. The existing groundwater supply will be used to supplement high summer demand and provide drought protection.

Program Broad Goals

Provide a sufficient quantity of drinking water for City customers that surpass all Federal and State requirements.
Operate the CAP Plant to maximize the use of CAP surface water.

Program 2005/06 Objectives

Operate the treatment plant effectively to produce water quantity and quality that consistently surpasses all requirements.
Maintain all equipment effectively.

Program Provided in Partnership With

Risk Management, Purchasing, AP & Payroll

Program Customers

Water Quality Laboratory, Arizona
Department of Environmental Quality

City Council's Broad Goal(s)

Fiscal and Resource Management

Basic Equipment

Personal computers, Microsoft Office Suite

Special Equipment

Plant equipment, feed systems, pumps, laboratory equipment

Resources by Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Enterprise Fund Program User	\$6,964,905	\$7,775,905	\$7,796,198	\$8,370,276
Fees/Charges/Support				
Total Program Revenues	\$6,964,905	\$7,775,905	\$7,796,198	\$8,370,276

Expenditures By Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Personal Services	\$410,579	\$428,854	\$446,573	\$368,960
Contractual Services	939,933	1,283,991	1,283,991	1,884,096
Commodities	5,614,393	6,063,060	6,065,634	6,117,220
Total Program Budget	\$6,964,905	\$7,775,905	\$7,796,198	\$8,370,276

CAP TREATMENT PLANT

Water Resources Department

Performance Measures

Program/Service Outputs: (goods, services, units produced)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Percentage of CAP surface water use of the total water demand	60%	65%	68%	70%

Program/Service Outcomes: (based on program objectives)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Number of days that the CAP Water Treatment Plant operates in compliance with federal drinking water standards	365	365	365	365
Number of days that the CAP finished water turbidity is 80% better than EPA standard of .5 NTU	365	365	365	365

Program Staffing

No specific staff positions or FTE's are assigned to this program.

Prior Year Highlights

Effectively operated the treatment plant to produce water quantity and quality that consistently surpassed all requirements.

Completed the design process to add granular activated carbon to the treatment plant process to improve water quality.

Achieved 100% compliance with the Safe Drinking Water Act requirements.

INDUSTRIAL PRETREATMENT

Water Resources Department

Program Description

The Industrial Pretreatment program regulates and monitors industry sewer discharges for pollutants, toxic chemicals, including restaurant discharges of fats, oils and grease into the City wastewater system. The work performed prevents clogging of the collection system and associated odor problems.

Trends

Growth of new industries and restaurants into the City will require a continuing effort to upgrade inspection and enforcement capabilities.

Program Broad Goals

Ensure compliance with industrial discharge permits for all permitted discharges.

Ensure compliance with grease discharge regulations.

Program 2005/06 Objectives

Monitor and sample industrial users.

Inspect over 475 restaurants yearly for compliance.

Program Provided in Partnership With

Risk Management, Purchasing, Accounts Payable, Payroll

Program Customers

Industrial and restaurant customers, Water Resources, Sub Regional Operating Group (SROG), Arizona Department of Environmental Quality

City Council's Broad Goal(s)

Fiscal and Resource Management

Basic Equipment

Personal computers, Microsoft Office Suite

Special Equipment

Wastewater sampling equipment

Resources by Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Enterprise Fund Program User Fees/Charges/Support	\$156,964	\$165,386	\$165,386	\$183,059
Total Program Revenues	\$156,964	\$165,386	\$165,386	\$183,059

Expenditures By Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Personal Services	\$131,252	\$133,284	\$133,284	\$145,726
Contractual Services	21,288	20,142	20,142	20,439
Commodities	4,424	11,960	11,960	16,894
Total Program Budget	\$156,964	\$165,386	\$165,386	\$183,059

INDUSTRIAL PRETREATMENT

Water Resources Department

Performance Measures

Program/Service Outputs: (goods, services, units produced)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Number of restaurants inspected yearly	287	421	430	485

Program/Service Outcomes: (based on program objectives)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Maintained compliance with the Industrial Pretreatment and Fats, Oils and Grease regulatory programs	yes	yes	yes	yes

Program Staffing

2 Full-Time Wtr Qlty Spec	2.00
Total Program FTE	2.00

Prior Year Highlights

Monitored, inspected and sampled significant industrial users on the City wastewater system to ensure hazardous materials were not discharged into the system.

Performed approximately 430 inspections to prevent grease buildups and associated odor problems with restaurants.

Performed 32 separate inspections at auto repair sites to minimize automotive oils being discharged into the wastewater system.

GAINEY WASTEWATER RECLAMATION PLANT

Water Resources Department

Program Description

The Gainey Wastewater Reclamation Plant program provides wastewater treatment at a small (2 mgd) regional plant to irrigate the 36 hole Gainey Ranch golf course with reclaimed water. Costs are reimbursed through rates charged for the service.

Trends

This satellite facility has been refurbished to include phosphorus reduction as requested by Gainey Ranch. The plant is aging and will require increased levels of corrective maintenance.

Program Broad Goals

Treat wastewater to irrigation standards to meet the contractual demands at Gainey Ranch.

Ensure compliance with effluent re-use water quality standards.

Program 2005/06 Objectives

Operate the treatment plant effectively to produce a consistent quantity and quality of irrigation water that exceeds all contract and State reuse requirements.

Maintain all equipment effectively.

Program Provided in Partnership With

Risk Management, Purchasing, Accounts Payable, Payroll

Program Customers

Gainey Ranch Golf Course, Water Resources

City Council's Broad Goal(s)

Fiscal and Resource Management

Basic Equipment

Personal computers, Microsoft Office Suite

Special Equipment

Plant equipment, feed systems, pumps, laboratory equipment

Resources by Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Enterprise Fund Program User Fees/Charges/Support	\$346,103	\$372,210	\$378,050	\$383,148
Total Program Revenues	\$346,103	\$372,210	\$378,050	\$383,148

Expenditures By Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Personal Services	\$117,465	\$135,086	\$135,086	\$158,963
Contractual Services	152,426	155,124	160,964	154,685
Commodities	76,212	82,000	82,000	69,500
Total Program Budget	\$346,103	\$372,210	\$378,050	\$383,148

Performance Measures

Program/Service Outputs: (goods, services, units produced)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Number of odor complaints from the Gainey Ranch Treatment Plant process	0	0	0	0

Program/Service Outcomes: (based on program objectives)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Met the contractual and regulatory obligations for supplying Gainey Ranch with treated effluent for irrigation use on the Golf Course and common areas	yes	yes	yes	yes

Program Staffing

No specific staff positions or FTE's are assigned to this program.

Prior Year Highlights

Effectively operated the treatment plant to produce the quantity and quality of irrigation water that consistently surpasses all contract and State requirements.

Adjusted the rate charged for irrigation water service based on the contract.

Completed modifications to the plant that will improve the efficiency of operation, including changes to filters, valves and sluice gates and the addition of an automatic sampler.

ADVANCED WATER TREATMENT PLANT

Water Resources Department

Program Description

The Advanced Water Treatment Plant program provides for advanced treatment of excess wastewater to drinking water standards for recharge into the groundwater. This program operations surpasses all Federal and State regulatory requirements and contributes toward achieving State Groundwater Management Act Assured water supply goals.

Trends

The Water Resources Master plan in compliance with the State Assured Water Supply program, requires recharge of highly treated wastewater and excess CAP water to meet our future water needs and obtain "safe-yield".

Program Broad Goals

Ensure the highest water quality standards for recharged water are met.

Ensure sufficient water is recharged to meet the requirements of the Master Plan and Assured Water Supply.

Program 2005/06 Objectives

Operate the treatment plant to assure quality of treated water for recharge use exceeds all requirements.

Operate the system effectively to recharge a minimum of 5,800 acre-feet of water annually.

Program Provided in Partnership With

Risk Management, Purchasing, Accounts Payable, Payroll

Program Customers

Fiscal and Resource Management

City Council's Broad Goal(s)

Fiscal and Resource Management

Basic Equipment

Personal computers, Microsoft Office Suite

Special Equipment

Plant equipment, feed systems, pumps, laboratory equipment

Resources by Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Enterprise Fund Program User Fees/Charges/Support	\$1,194,065	\$1,504,078	\$1,457,350	\$1,623,665
Total Program Revenues	\$1,194,065	\$1,504,078	\$1,457,350	\$1,623,665

Expenditures By Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Personal Services	\$214,932	\$275,726	\$293,445	\$324,064
Contractual Services	612,038	881,852	881,852	926,901
Commodities	361,791	274,000	282,053	350,200
Capital Outlays	5,304	72,500	-	22,500
Total Program Budget	\$1,194,065	\$1,504,078	\$1,457,350	\$1,623,665

Performance Measures

Program/Service Outputs: (goods, services, units produced)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Acre feet of water recharged during the fiscal year	5,300	5,800	5,800	6,000

Program/Service Outcomes: (based on program objectives)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Met or exceeded the planned recharge amounts of high quality treated water	yes	yes	yes	yes

Program Staffing

No specific staff positions or FTE's are assigned to this program.

Prior Year Highlights

Operated the treatment plant to assure quality of treated water for recharge use surpassed all requirements.

Operated the treatment plant to ensure a sufficient quantity of water was recharged to meet the requirements of the Master plan and Assured Water Supply.

Maintained a pilot program to evaluate the use of new 18" filter membranes in the treatment process.

WATER CAMPUS WASTEWTR RECLAMATION PLANT

Water Resources Department

Program Description

The Water Campus 12 mgd Wastewater Reclamation Plant program treats wastewater collected in the City north of Doubletree Ranch Rd., for reuse on golf courses and for recharge of the groundwater aquifer.

Trends

Growth will impact the amount of wastewater treated at the plant and increased flow will impact the treatment budget.

Program Broad Goals

Treat wastewater generated in the City north of Doubletree Ranch Road to irrigation quality water for use by the RWDS & IWDS golf courses and for further treatment at the Advanced Water Treatment plant for recharge use.

Surpass all reuse water quality standards for all irrigation water supplied to RWDS and IWDS contractual golf course customers.

Program 2005/06 Objectives

Effectively operate the treatment plant to produce irrigation quality water from wastewater that surpasses all standards.

Maintain all equipment effectively.

Assure that the effluent is used only as permitted by the State.

Program Customers

Water Resources, RWDS, IWDS, Arizona Department of Environmental Quality

City Council's Broad Goal(s)

Fiscal and Resource Management

Basic Equipment

Personal computers, Microsoft Office Suite

Special Equipment

Plant equipment, feed systems, pumps, laboratory equipment

Program Provided in Partnership With

Risk Management, Purchasing, Accounts Payable, Payroll, RWDS golf course irrigation, Irrigation Water Distribution System

Resources by Type				
	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Enterprise Fund Program User	\$7,257,548	\$6,638,499	\$6,656,585	\$6,823,965
Fees/Charges/Support				
Total Program Revenues	\$7,257,548	\$6,638,499	\$6,656,585	\$6,823,965
Expenditures By Type				
	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Personal Services	\$462,984	\$426,764	\$444,483	\$431,912
Contractual Services	6,100,977	5,537,235	5,537,235	5,572,553
Commodities	693,587	674,500	674,867	797,000
Capital Outlays	-	-	-	22,500
Total Program Budget	\$7,257,548	\$6,638,499	\$6,656,585	\$6,823,965

WATER CAMPUS WASTEWTR RECLAMATION PLANT

Water Resources Department

Performance Measures

Program/Service Outputs: (goods, services, units produced)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Number of million gallons per day of wastewater treated during the fiscal year	12	13	13	14

Program/Service Outcomes: (based on program objectives)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Met the contractual irrigation needs of the RWDS golf courses	yes	yes	yes	yes
Met or surpassed the Arizona State Environmental Quality regulations for re-use of treated wastewater	yes	yes	yes	yes

Program Staffing

No specific staff positions or FTE's are assigned to this program.

Prior Year Highlights

Operated the wastewater treatment plant effectively to produce a sufficient quantity of irrigation water that surpasses all standards.

Started construction of the phase III expansion of the plant from 12 to 16 million gallons a day treatment capacity.

Started modifications to the existing plant to improve operations, including replacement of the media filters with new efficient disk style filters and improvements to the aeration basins.

CHAPARRAL WATER TREATMENT PLANT

Water Resources Department

Program Description

The Chaparral Water Treatment Plant program provides for operations, maintenance and repair of the City's 30 million gallon per day drinking water facility utilizing the City Salt River Project water allocation.

Trends

This new drinking water plant is expected to be operational January 2006.

Program Broad Goals

Provide a sufficient quantity of drinking water to City customers that surpasses all Federal and State requirements.

Operate the Chaparral Plant to maximize the use of Salt River Project water.

Program 2005/06 Objectives

Operate the treatment plant effectively to produce water quality and quantity that consistently surpasses all requirements.

Program Provided in Partnership With

Risk Management, Purchasing, AP and payroll

Program Customers

Water Quality Laboratory, Arizona
Department of Environmental Quality

City Council's Broad Goal(s)

Fiscal and Resource Management

Basic Equipment

Personal computers, Microsoft Office Suite

Special Equipment

Plant equipment, feed systems, pumps and laboratory equipment

Resources by Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Enterprise Fund Program User Fees/Charges/Support	-	-	-	\$920,528
Total Program Revenues	-	-	-	\$920,528

Expenditures By Type

	Actual 2003/04	Adopted 2004/05	Estimate 2004/05	Adopted 2005/06
Personal Services	-	-	-	\$208,028
Contractual Services	-	-	-	630,000
Commodities	-	-	-	60,000
Capital Outlays	-	-	-	22,500
Total Program Budget	-	-	-	\$920,528

Performance Measures

Program/Service Outputs: (goods, services, units produced)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Number of million gallons of Salt River Project surface water treated and delivered				950

Program/Service Outcomes: (based on program objectives)

	Actual FY 2002/03	Actual FY 2003/04	Projected FY 2004/05	Projected FY 2005/06
Number of days the plant operates in compliance with Federal Drinking Water standards				180- half year operation

Program Staffing

No specific staff positions or FTE's are assigned to this program.

Prior Year Highlights

The new Chaparral Water Treatment Plant is currently under construction and is expected to be operational by January 2006.

